



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 24, 2020

Haley Wade  
Regulatory Specialist  
Control Solutions Inc.  
5903 Genoa Red Bluff  
Pasadena, TX 77507

Subject: Label Amendment – Label Revision to add optional marketing claims, update non-public health pests, add cockroaches, and update storage and disposal  
Product Name: BIFENTHRIN .115G  
EPA Registration Number: 53883-194  
Application Date: 12 April 2019  
Decision Number: 550094

Dear Ms. Wade:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

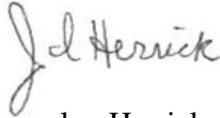
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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EPA Reg. No. 53883-194  
Decision No. 550094

with FIFRA section 6. If you have any questions, please contact Helen Hull-Sanders by phone at 703-347-0243, or via email at [hull-sanders.helen@epa.gov](mailto:hull-sanders.helen@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "J. Herrick".

Jacquelyn Herrick, Product Manager 03  
Invertebrate & Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure



<p><b>A C C E P T E D</b></p> <p>02/24/2020</p> <p>Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 53883-194</p>
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## Bifenthrin .115 G

[Alt Brand Name: Surrender® G]

[Optional Generic Descriptor: Insect Killer Granules]

[FOR OUTDOOR RESIDENTIAL LAWN, HOME PERIMETER, ORNAMENTAL & FLOWER GARDENS, AND HOME VEGETABLE GARDEN USE ONLY] OR [For outdoor use around residential sites only]

{Note to Reviewer: One of the two statements listed above will appear on the label.}

Active Ingredient

*Bifenthrin.....	0.115%
Other Ingredients.....	99.885%
	100.000%

\*Cis isomers 97% minimum, trans isomers 3% maximum.

### KEEP OUT OF REACH OF CHILDREN

## CAUTION

See additional precautionary statements on back of bag. [See [back panel] [booklet] for additional precautionary statements]

<b>FIRST AID</b>	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information. [The SafetyCall information may be replaced with other similar services on the market label.]</p>	
<p><b>Note to Physician:</b> This product is a pyrethroid. If large amounts have been ingested, milk, cream or other digestible fats and oils may increase absorption and so should be avoided.</p>	

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Apply this product directly to the lawn or garden area. Water treated area as directed on this label.

**USE RESTRICTIONS:**

- Do not water to the point of run-off.
- Do not make applications during the rain.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- Do not allow children or pets to enter the area until dry.

**General Instructions**

**Bifenthrin .115 G** is for use on lawns, around home foundations (perimeter treatment), ornamental and flower gardens, and vegetable gardens for the control of the insect pests listed in the table below.

**Lawns**

Apply **Bifenthrin .115 G** when insect activity or damage is first observed (lawn thins, brown spots appear, or moths fly up from the grass when mowed).

Spread **Bifenthrin .115 G** uniformly over lawn [at the rates listed] using the suggested spreader settings. For best results, use a mechanical spreader.

Water-in product after application.

Do not use any other weed, disease, or insect control products for at least one week after application.

For best results and to prevent further damage, treat the entire lawn, not just the browned areas.

Repeat application if there are signs of renewed insect activity but not more than once every 7 days.

NOTE: Food utensils such as tablespoons/teaspoons must not be used for food purposes after use in measuring pesticides.

<b>Pest</b>	<b>Application Rate</b>
Armyworms (including Lawn Armyworm, Fall Armyworm) Billbugs (including Bluegrass Billbug, Hunting Billbug) Black Turfgrass Ataenius (adults), Bristletail Chiggers Chinch Bugs Cockroaches Crickets (including House Cricket, Common Short-tailed Cricket, Arizona Cricket, Tropical Cricket, Variable Field Cricket, Fall Field Cricket, Southeastern Field Cricket, Texas Field Cricket, Spring Field Cricket, Northern Wood Cricket, Western Striped Cricket, Eastern Striped Cricket, Sand Field Cricket, Vocal Field Cricket, Southern Wood Cricket) Cutworms (including Black Cutworm, Bronzed Cutworm, Granulate Cutworm, Variegated Cutworm) Dichondra Flea Beetle Earwigs European Crane Fly Fiery Skipper Fire Brat Fruit Fly Grasshoppers Greenbug Ladybeetles (including Convergent Ladybeetle, Seven-spotted Ladybeetle, Two-spotted Ladybeetle, Thirteen-	Uniformly apply 1 to 2 pounds over a 1,000 sq. ft. area of lawn using a spreader.  For best results, thoroughly water the treated area after application.

<p>spotted Ladybeetle, Twice-stabbed Ladybeetle, Asian Ladybeetle, Mealybug Ladybird)  Leaf Hoppers  Lucerne Moth  Mealybugs  Pillbugs  Seed Maggots  Silverfish  Spiders  Springtails  Southwestern Corn Borer  Sowbugs  Striped Grassworm  Two-lined Spittle Bugs  Webworms (including Sod Webworm, Grass Webworm, Tropical Sod Webworm)   Wireworms</p>	
<p>Ants (including Carpenter, Red Harvester, Red Pavement, Odorous, Pyramid, Black Turf, White-footed, Crazy, Little Black, Small Honey, Lawn, Cornfield, Ghost, Thief, Acrobat, Big-Headed, and Allegheny mound)  Annual Bluegrass Weevil (<i>Hyperodes</i>)  Chiggers  Crane Flies (larvae)  Fleas (larvae and adults)  Ground Beetle  Ground Pearl  Mites  Mole Crickets (including Tawny Mole Cricket, Southern Mole Cricket, Short-Winged Mole Cricket)  Weevils (including Annual Bluegrass)</p>	<p>Uniformly apply 1 to 2 lbs. per 500 sq. ft. or 2 to 4 lbs. per 1,000 sq. ft of lawn. For best results, thoroughly water the treated area after application.</p> <p>For best results in treating mole crickets, treat in late spring.</p>
<p>Ants (including Argentine, Pharaoh (sugar), Imported Fire Ants, and Foraging Fire Ants)  Centipedes  Millipedes  Scorpions  Ticks (including Brown Dog Tick) [and ticks that may transmit Lyme Disease]</p>	<p>Uniformly apply 1 lb. per 250 sq ft. area of lawn or (4 lbs. per 1,000 sq. ft). For best results, thoroughly water the treated area after application.</p> <p>For <b>Fire Ant Mounds</b>: Uniformly apply 1 tablespoon or 3 teaspoons of granules to the surface of each mound. For best results apply in cool weather, 65 to 80 F, in early morning or late</p>

	evening hours. Avoid disturbing ants. Treat new mounds as they appear. Thoroughly water the treated area after application.
<ul style="list-style-type: none"> <li>• In New York State, this product may NOT be applied to any grass or turf area (lawns) within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).</li> <li>• In New York State, do make a single repeat application of this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.</li> </ul>	

### Ornamentals & Flowers

**Bifenthrin .115 G** can be applied just before planting or after plants emerge.

Apply 0.5\* to 1 lb. evenly over each 500 sq. ft. area. Repeat if there are signs of renewed insect activity, but not more than every two weeks.

### Home Foundation/Barrier Treatment

Evenly apply a 2-foot-wide band of granules next to the house/home foundation. Use 0.5\* to 2.0 lbs. for each 500 sq. ft. (2 ft. x 250 ft.). If necessary, repeat applications every 2 weeks only if there are signs of renewed insect activity.

\*0.5 lb/500 sq. ft. is equivalent to 1 lb/1000 sq. ft.

### Vegetable Gardens

**Bifenthrin .115 G** can be applied to the vegetables listed below.

Apply a single application before planting or after plants emerge and work into the top 4 to 6 inches of soil. Use 1.0 lb of product for a 500 sq. ft. area.

Crop	Days to Wait After Application till Harvest	Pests
Tomatoes	1	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms
Sweet Corn	1	Ants, armyworms, cutworms, crickets, earwigs, European corn borer, fall armyworm, grasshoppers, southwestern corn borer and weevils
Green Peas, Edible Pods (Sugar Snap Peas, Snow Peas), Green Beans (Wax Beans, Snap Beans), Dry Beans (Black Eyed Peas, Cow Pea)	3	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms
<b>Cucurbit Vegetables</b>		

Chayote, Citron melon, Cucumber, Edible Gourd Muskmelon (Cantaloupe, casaba, Crenshaw melon, Golden melon, Honeydew Melon, Pineapple melon, Santa Claus melon, Snake melon) Pumpkin, Summer squash (Crookneck, Scallop, Straightneck, Zucchini) Winter squash (Butternut, Calabaza, Hubbard including Acorn and Spaghetti) Watermelon	3	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms
Artichoke	5	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms
Broccoli, Brussels Sprouts, Chinese Broccoli, Cabbage, Cauliflower, Cavalo Broccoli, Chinese Cabbage, Kohlrabi, Chinese Mustard, Eggplant, Head Lettuce, Peppers (Bell and Non-Bell)	7	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms

### Spreading Instructions

Follow Application Directions in the table below. Calibrate the spreader settings based on the manufacturer's recommendations.

### Spreader Settings

Spreader	Spreader Settings covers 5,000 sq. ft.	Application Directions
	Pounds of product per 1,000 sq. ft. 1 lb.      2 lb.    4lb.	
Scott Drop Spreader EZ Drop, Republic (#530)	<i>(Spreader settings provided at printing)</i>	Mow lawn first if grass is tall enough to touch the bottom of the spreader. First apply two header strips. Operate spreader the longest way of the lawn. Overlap wheel marks to ensure uniform feeding. Shut off spreader when you have reached the header strips or stopped.
Scotts Easy Green® Rotary EZ Broadcast, Republic (#540)	<i>(Spreader settings provided at printing)</i>	Application automatically starts and stops when you do. For complete coverage make each pass about 30 inches from the previous one, or some overlapping occurs.
Scotts	<i>(Spreader settings</i>	Shut off spreader anytime you stop. For

SpeedyGreen® EdgeGuard® Rotary	<i>provided at printing)</i>	complete coverage make each pass about five feet from the previous one, so some overlapping occurs.
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*[Additional spreader brands may be added at printing or replace those currently listed.]*

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry, secure place. Do not store near seeds, fertilizers, or foodstuffs.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**Notice:** To the extent consistent with applicable law, Buyer assumes all responsibility for safety and use not in accordance with directions.



EPA Reg. No. 53883-194  
 EPA Est. No. XXXXXX-XX  
 Control Solutions, Inc.  
 5903 Genoa-Red Bluff  
 Pasadena, TX 77507-1041  
 {Lot code will be printed on the bag}

*[Optional Marketing Claims:*

*Formulation related claims:*

- *Easy-to-Use*
- *Easy to Spread*
- *Ready to Use*
- *Virtually odor free*
- *Treats up to 5,000 Square Feet*
- *[A 10 lb. bag] Treats up to 10,000 sq. ft.*
- *[A 20 lb. bag] Treats up to 20,000 sq. ft.*
- *A 1 lb. bag treats up to 1000 sq. ft.*
- *Use on lawns, ornamental and flower gardens, and listed vegetables*
- *Use around the outside of homes, foundations, porches and patios*
- *For use on lawn, ornamentals, home perimeter and flower gardens*
- *Treats 136 fire ant mounds or up to 3,500 sq. ft. [3.5 lb]*
- *Treats 39 fire ant mounds [1 lb size]*

- *Use on lawn and around home foundation as a barrier treatment*
- *Soil-penetrating formula reaches deep below ground*
- *Deep-reaching formula that kills listed lawn-destroying insects*
- *Deep Reaching Formula*
- *Outdoor use only (icon)*

*Efficacy related claims:*

- *Works Fast/Fast Acting*
- *Kills in 24 hours*
- *Kills overnight*
- *Kills grubs!*
- *Protects lawns against listed\* damaging insects*
- *Kills Listed\* Insects, Fleas & Ticks*
- *Kills Ants, Fleas, Ticks and other listed\* pests/insects/bugs.*
- *Kills fleas and ticks*
- *Kills [insert listed pest] by contact!*
- *Kills ticks that may transmit Lyme Disease*
- *Kills and controls listed\* pests in lawns and around homes*
- *Kills/controls listed\* surface and sub-surface pests/insects/bugs [in lawns & landscapes]*
- *Controls/kills listed\* lawn-destroying/lawn-invading pests/insects/bugs.*
- *Controls [chinch bug], [sod webworms] [lawn moth],[ cutworms][ billbugs], [European crane fly][mole cricket],[ fleas],[ ticks (including ticks that may transmit Lyme's Disease)], and other lawn pests listed\* [by contact]*
- *Kills Chinch Bugs, Mole Crickets, Grubs and Cutworms, plus other listed\* insects*
- *Kills listed\* insects by contact after watering in*
- *Effective home barrier treatment*
- *Kills listed\* bugs outdoors-before they come inside*
- *Guaranteed to Work or Your Money Back*
- *Kills listed\* surface and sub-surface pests/insects/bugs that ruin your lawn*
- *Kills listed\* sub-surface insects [so they can't damage your lawn]*
- *Kills listed\* surface insects [so you can enjoy your yard]*
- *Keeps Listed\* [Lawn] Insects Away for Up to 3 Months [12 weeks]*
- *Works for up to 3 months*
- *Kills listed\* tough lawn insects [and keeps them away for up to] [3 months] [12 weeks]*
- *Kills Ants Outside so They Can't Come Inside*
- *Kills Listed\* Surface & Sub-Surface Insects*
- *Kills up to 100 listed insects [including ants, fleas, spiders, ticks, chinch bugs, mole crickets, grubs and cutworms]*
- *Not harmful to grasses\* \*when used as directed*
- *For use on lawns, ornamentals, home perimeter and flower gardens.*
- *Creates a pest/insect/bug barrier around your home*
- *Provides a barrier of protection around your home*
- *Kills [a wide range of] nuisance and lawn-damaging insects [so you can enjoy your yard] [so you can reclaim your yard]*

- *Kills Grubs & Mole Crickets*
- *Ant & Spider Killer*
- *Kills Ants & Spiders*
- *Area Treatment*
- *Perimeter Treatment*
- *PEEL HERE for Use, Storage and Disposal Directions*
- *[Easy-to-Use] Shaker Bag! [optional illustration]*
- *[Easy-to-Use] Shaker [Canister/Bottle]!*
- *[Bonus/value] size! (for use with larger sizes)*
- *[XX%] [XX lbs] More Free (for use with bonus sizes)*
- *[XX% better value only for club shoppers] (for use in club channel)*
- *Exclusive value size [for club shoppers] (for use in club channel)*
- *Special Club Value!*
- *[XX lbs] Treats the average yard\* up to [XX] times \*Average yard size is XXX sq ft. {Math is completed using 1 lb. per 1,000 ft<sup>2</sup> lawn application rate}*
- *Kills [Insert listed pest]*
- *Guaranteed to work\* \*or your money back*
- *[Kills][Controls] surface and sub-surface [pests][insects][bugs] [in lawns & landscapes], as listed\* \*Please refer to the insect lists found in the Directions for Use*
- *Kills insects outdoors, before they come indoors, as listed\* \*Please refer to the insect lists found in the Directions for Use*

*{For claims with the word “listed”} \*Please refer to the insect lists found in the Directions for Use*

### How to Treat Your Lawn [in 3 [Easy] Steps]

#### [Step 1][Observe]

Observe insect activity or damage (ie. lawn thins, brown spots appear, or moths fly up from the grass when mowed).

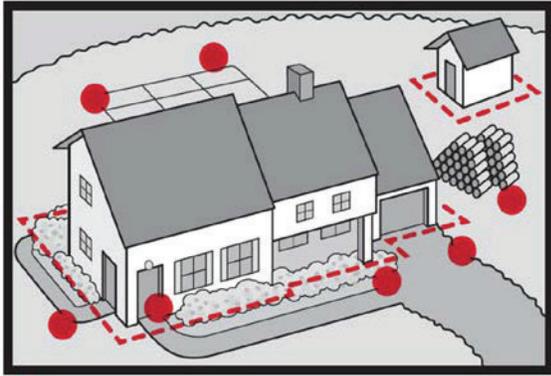
#### [Step 2][Spread]

Spread uniformly over lawn [at the rates listed] using the suggested spreader settings

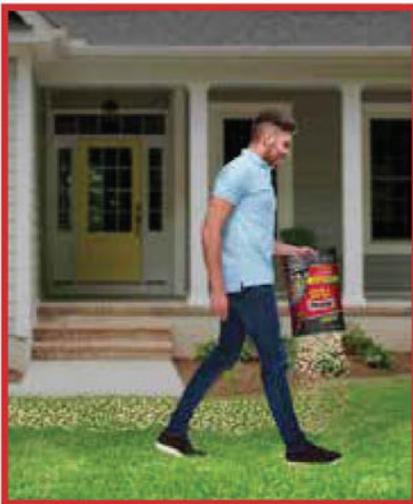
#### [Step 3][Water]

Water-in product after application [to release active ingredient into the grass and soil].

*Optional Graphics:*



- Area Treatment
- - - Perimeter Treatment



Creates a **BUG BARRIER** Around Your Home

*Optional Graphic Section Headers*

**Ornamentals & Flowers**



**Home Invading Insects: Barrier Treatment  
Around Home Foundation (Outdoors)**



**Vegetable Gardens**

